

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DKT NO.	SERIAL NO.
		7340-011	10/797,513
		APPLICANT Higgins	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE March 10, 2004	GROUP 3749

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	A	3,105,540	10/1963	Hardgrove	431	9	
	B	3,528,797	09/1970	Funk, et al.	71	39	
	C	3,565,757	02/1971	Warshaw, et al.	23	2	
	D	3,773,897	11/1973	Fields, et al.	423	235	
	E	3,847,564	11/1974	Marion et al.	48	95	
	F	3,860,384	01/1975	Vulliet et al.	41	4	
	G	3,900,554	08/1975	Lyon	423	235	
	H	3,970,739	07/1976	Shiraishi et al.	423	23 S	
	I	4,021,188	05/1977	Yamagishi et al.	431	158	
	J	4,029,752	06/1997	Cahn	423	563	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
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OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	K	4,039,446	08/1997	Ban et al.	210	688		
	L	4,080,423	03/1978	Smith et al.	423	210		
	M	4,089,639	05/1978	Reed et al.	431	211		
	N	4,119,702	10/1978	Anuhata et al.	423	235		
	O	4,150,631	04/1979	Frey et al.	110	186		
	P	4,154,581	05/1979	Nack et al.	48	197R		
	Q	4,173,454	11/1979	Heins	44	522		
	R	4,196,057	04/1980	May et al.	205	775.5		
	S	4,208,386	06/1980	Arand et al.	423	235		
	T	4,213,944	07/1980	Azuhata et al.	423	235		
	U	4,294,178	10/1981	Borio et al.	110	347		
	V	4,318,718	03/1993	Carver et al.	110	347		
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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	W	4,325,924	04/1982	Arand et al.	423	235	
	X	4,375,949	03/1983	Salooja	431	7	
	Y	4,381,718	05/1993	Carver et al.	110	347	
	Z	4,469,050	09/1984	Korenberg	122	4D	
	AA	4,502,633	03/1985	Saxon	239	422	
	BB	4,504,211	03/1985	Beardmore	44	604	
	CC	4,506,608	03/1985	Strohmeyer, Jr.	110	245	
	DD	4,507,075	03/1985	Buss et al.	431	115	
	EE	4,507,269	03/1985	Dean et al.	423	235	
	FF	4,565,137	01/1986	Wright	110	264	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	GG	4,584,948	04/1986	Syred et al.	110	264	
	HH	4,624,840	11/1986	Dean et al.	423	235	
	II	4,627,965	12/1986	Hegemann et al.	423	242	
	JJ	4,672,900	06/1987	Santalla et al.	431	9	
	KK	4,704,084	11/1987	Liu et al.	431	7	
	LL	4,751,065	06/1998	Bowers	423	235	
	MM	4,777,024	10/1988	Epperly et al.	423	235	
	NN	4,780,289	10/1988	Epperly et al.	423	235	
	OO	4,809,910	09/1998	Svendssen	110	235	
	PP	4,824,441	04/1989	Kindig	44	604	
	QQ	4,842,834	06/1989	Burton	423	235	
	RR	4,873,930	10/1989	Egnese et al.	110	345	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	SS	4,915,036	04/1990	DeVita	110	215	
	TT	4,927,612	05/1990	Bowers	423	235	
	UU	4,926,711	10/1990	Yamauchi et al.	110	347	
	VV	4,978,514	12/1990	Hofmann et al.	423	235	
	WW	4,985,218	01/1991	DeVita	423	235	
	XX	4,992,249	02/1991	Bowers	423	235	
	YY	5,017,347	05/1991	Epperly et al.	423	235	
	ZZ	5,032,154	07/1991	Wright	422	109	
	AAA	5,048,432	09/1991	Hogmann	110	345	
	BBB	5,052,921	10/1991	Hemsath	423	121	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	CCC	5,057,293	05/1990	Epperly, et al.	423	235	
	DDD	5,105,747	04/1992	Khinkis et al.	110	345	
	EEE	5,139,754	08/1992	Luftglass et al.	423	235	
	FFF	5,146,858	09/1992	Tokuda et al.	110	261	
	GGG	5,240,404	08/1993	Hemsath et al.	431	9	
	HHH	5,261,602	11/1993	Brent et al.	239	132.3	
	III	5,286,467	02/1994	Sun et al.	423	239.1	
	JJJ	5,310,334	05/1994	Sprios	431	5	
	KKK	5,336,081	08/1994	Saito et al.	431	190	
	LLL	5,342,592	08/1994	Hoblyn et al.	423	235	
	MMM	5,345,883	09/1994	Panos	110	345	
	NNN	5,536,482	07/1996	Diep et al.	423	235	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	OOO	5,489,419	02/1996	Diep et al.	423	235		
	PPP	5,585,081	12/1996	Chu et al.	423	239.1		
	QQQ	5,690,039	11/1997	Monroe et al.	110	264		
	RRR	5,707,596	01/1998	Lewandowski et al.	423	235		
	SSS	5,728,357	03/1998	von Harpe	423	239.1		
	TTT	5,809,910	09/1998	Svendssen	110	235		
	UUU	5,853,684	12/1996	Fang et al.	423	239.1		
	VVV	5,854,173	12/1998	Chang et al.	502	417		
	WWW	6,019,068	02/2000	Tsuo et al.	122	4D		
	XXX	6,042,371	03/2000	Mitani et al.	431	215		
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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	TTT	6,109,911	08/2000	Tamminen et al.	431	4	
	UUU	6,190,628	02/2001	Carter	422	168	
	VVV	6,213,032	04/2001	Breen et al.	110	345	
	WWW	6,230,664	05/2001	Janka et al.	122	4D	
	XXX	6,280,695	08/2001	Lissianski et al.	423	239.1	
	YYY	6,315,555	11/2001	Salzsieder e al.	431	183	
	ZZZ	6,357,367	03/2002	Breen et al.	110	345	
	AAAA	6,398,039	06/2002	Xue et al.	210	504	
	BBBB	6,485,289	11/2002	Kelly et al.	431	4	
	CCCC	6,527,828	03/2003	Flippo et al.	95	54	
	DDDD	6,532,905	03/2003	Belin et al.	122	4D	
	EEEE	6,818,043	11/2004	Change et al.	95	37	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	FFFF	7,198,769	04/2007	Cichanowicz	423	239.1	
	GGGG	7,335,014	02/2008	Higgins	431	4	
	HHHH	2003/0011948	06/2003	Gaita et al.	96	108	
	IIII	2004/0045437	03/2004	Chang et al.	095	134	
	JJJJ	2004/0120872	06/2004	Fan et al.	423	239.1	
	KKKK	2004/0185399	09/2004	Moberg	431	4	
	LLLL	2004/0185402	09/2004	Moberg	431	9	
	MMMM	2004/0185401	09/2004	Moberg	431	9	
	OOOO	2004/0253161	12/2004	Higgins	423	235	
	PPPP	2005/0000901	01/2005	Campbell et al.	210	660	

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	QQQQ	2005/0002841	01/2005	Moberg	423	235	
	RRRR	2005/0013755	01/2005	Higgins	423	235	
	SSSS	6,953,494	10/2005	Nelson, Jr.	95	134	

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		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
	TTTT	DE 28 37 156	03/1979	Germany (See US 5,146,858)				
	UUUU	WO/87/03507	06/1987	WIPO			X	
	VVVV	WO/05/079305	08/1999	EPO			X	
	WWW W	EP 0 287 224	10/1998	EPO			X	
	XXXX	EP 0936405	08/1999	EPO			X	
	YYYY	EP 0 326 943	01/1989	EPO			X	
	ZZZZ	GN 2 001 419	07/1978	UK			X	
	AAAAA	JP 53-112273	09/1978	Japan (See US 5,797,596)				
	BBBBB	JP 2003 31322	01/2003	Japan				

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CCCCC	Energy efficiency-our specialty-by Mobotec; undated related technology	
DDDDD	Combined DeNox/DeSox and additional NOx Reduction by Cleaning Flue Gas Condensate from Ammonia, Moberg, et al, presentation at PowerGen Intl. 11/30-12/2/99	
EEEEEE	RJM-LT, "Does This New NOx Control Technology Obsolete SCRs?"; RMJ Corp., undated related technology	
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